Metadata: the Inside Scoop!

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Introduce Your Neighbor

In groups of two, ask a person sitting next to you the following questions:
- Name:
- Job Title:
- Their Daily Work Schedule:
- Name of their Office Building:
- Reason for attending today's class:
- Their Area of Interest at work:

Congratulations!
You Have Just Created Metadata!

Who:	Name
What:	Job Title
When:	Daily work schedule
Where:	Office building
Why:	Reason for attending today's meeting
How:	Their Area of Interest at work

What is Metadata?

-**Who** created and maintains the data?

-**What** is the content and structure of the data?

-**When** was the data collected? Published?

-**Where** is the geographic location? Storage location?

-**Why** were the data created?

-**How** were the data produced?

What is Metadata?

Artist   Album   Genre

Song Title

Length of Playtime

What is Metadata?

•title

•supplemental information

•abstract

time period

Author

Sources

(file) size

What is Metadata?

entity

attributes

Nutrition Facts

Metadata is:

- Information that describes where to find useful information.

- Used to help online users find information.
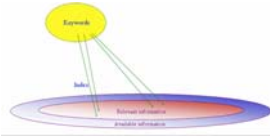
Controlled Vocabularies

- a carefully selected list of words and phrases
- used to tag units of information so that they may be more easily retrieved by a search
- terms are based on what terms users are likely to use

Controlled Vocabularies

- Library of Congress: Legislative Indexing Vocabulary (LIV)

Controlled Vocabularies

- Library of Congress: Legislative Indexing Vocabulary (LIV) : Term = "game"

Controlled Vocabularies

SoDakLIVE taxonomy

Controlled Vocabularies

Google Directory

Web Images Video News Maps more »

The web organized by topic into categories.

Arts
Movies, Music, Television...

Home
Consumers, Homeowners, Family...

Regional
Asia, Europe, North America...

Business
Industries, Finance, Jobs...

Kids and Teens
Computers, Entertainment, School...

Science
Biology, Psychology, Physics...

Computers
Hardware, Internet, Software...

News
Media, Newspapers, Current Events...

Shopping
Autos, Clothing, Gifts...

Games
Board, Roleplaying, Video...

Recreation
Food, Outdoors, Travel...

Society
Issues, People, Religion...

Health
Alternative, Fitness, Medicine...

Reference
Education, Libraries, Maps...

Sports
Basketball, Football, Soccer...

World
Deutsch, Español, Français, Italiano, Japanese, Korean, Nederlands, Polska, Svenska...

Advertising Programs - Business Solutions - About Google

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Help build the largest human-edited directory on the web.
Become an Editor Open Directory Project Become an Editor

- based on the DROZ Open Directory
- enhanced by Google's technology

Open Directory Project:

- most comprehensive human-edited Web directory
- constructed & maintained by volunteer editors

Open Directory
http://www.dmoz.org/

dmoz open directory project

about dmoz | suggest URL | help | link | editor login

[Search] advanced

Arts
Movies, Television, Music...

Business
Jobs, Real Estate, Investing...

Computers
Internet, Software, Hardware...

Games
Video Games, RPGs, Gambling...

Health
Fitness, Medicine, Alternative...

Home
Family, Consumers, Cooking...

Kids and Teens
Arts, School Time, Teen Life...

News
Media, Newspapers, Weather...

Recreation
Travel, Food, Outdoors, Humor...

Reference
Maps, Education, Literature...

Regional
US, Canada, UK, Europe...

Science
Biology, Psychology, Physics...

Shopping
Autos, Clothing, Gifts...

Society
People, Religion, Issues...

Sports
Baseball, Soccer, Basketball...

World
Deutsch, Español, Français, Italiano, Japanese, Nederlands, Polska, Dansk, Svenska...

Become an Editor Help build the largest human-edited directory of the web.

Copyright © 1998-2007 Netscape

4,830,884 sites - 75,151 editors - over 590,000 categories

Open Directory Metadata:

Editors select, evaluate, describe and organize Web sites.

- Teknek - Web cleaning equipment for the coating, laminating, printing, and converting industries.
- Recycling Sciences, Inc. - Manufacturer of distillation systems used to recycle and re-use solvents used by the printing industry.
- Eat Wild - The advantages of natural grass feeding of farm animals. Health benefits, news, and links to suppliers.

Open Directory Metadata:

Why do we care about Metadata?

Web Crawler   Search Engine   End User
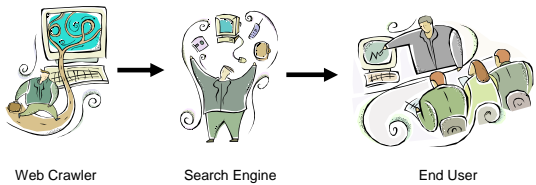
State Government Metadata Users

•Web Developers

•Staff members creating
 documents for the web

•State Employees
seeking online
information

•All Online Users
seeking information
about state government

Link from State Home page

SoDakLIVE Management Center

SoDakLIVE Management Center

Dublin Core Elements

- title
- creator
- subject
- description
- publisher
- contributor
- date
- type

- format
- identifier
- source
- language
- relation
- coverage
- rights

Dublin Core For State Documents
http://home.sodaklive.com/metagen/index.asp

```
<?xml version='1.0' encoding='UTF-8' standalone='no'?>

<description xmlns='http://purl.org/dc/elements/1.1/'>Membership Roll and
Doings; Biographical and Analytical Sketch of William Maxwell Blackburn;
History of North and South Dakota; Radisson and Grossiliers' Travels in the
West; Official Correspondence of the Leavenworth Expedition into South Dakota
for the Conquest of the Ree Indians in 1823; Old Fort Pierre and Its Neighbors;
Official Correspondence Relating to Fort Pierre; Treaties With Indians Opening
Dakota Soil to Settlement.</description>

<subjects xmlns='http://purl.org/dc/elements/1.1/'>William Maxwell Blackburn,
South Dakota, North Dakota, Dakota Territory, history, Ree Indians, Fort Pierre,
Indian treaties.</subjects>

<author xmlns='http://purl.org/dc/elements/1.1/'>The Society</author>
```

Dublin Core For State Documents
http://home.sodaklive.com/metagen/index.asp

About the Agency/Author

Government Entity:	State of South Dakota
Department:	Please Select
Agency or Division:	
Program:	
Author:	Last Name, First Name

```
<originatorJurisdiction xmlns='http://purl.org/dc/elements/1.1/'>State of South
Dakota</originatorJurisdiction>

<originatorDepartment xmlns='http://purl.org/dc/elements/1.1/'>Department of
Tourism and State Development</originatorDepartment>

<originatorDivision xmlns='http://purl.org/dc/elements/1.1/'>Office of
History</originatorDivision>

<agencyprogram xmlns='http://purl.org/dc/elements/1.1/'> [blank]
</agencyprogram>
```

Dublin Core For State Documents
http://home.sodaklive.com/metagen/index.asp

Cosmetology Commission Metadata for Minutes

Remember! Nothing but the facts!

- **WHO** created the data?
- **WHAT** is the content of the data?
- **WHEN** was it created?
- **WHERE** is it located?
- **HOW** was the data developed?
- **WHY** was the data developed?